

TRACK LOCKING METHOD FOR OPTICAL DISK DRIVE AND APPARATUS

Abstract

A track locking method and an apparatus thereof enable an optical disk drive to rapidly and stably read data recorded on a target track from a seeking mode to a track locking mode. An optical pick-up head can switch from the on-track interval of a target track to an adjoining off track period only if the tracking servo control system memorizes the last-minute level of the tracking servo output signal of the on-track interval and keeps the tracking servo output signal at the level, so as to generate a pulling force whereby the optical pick-up head is moved back to the on-track interval from the off-track interval.